

WHAT IS CLAIMED IS:

1. A resin chip comprising:  
a first member having a groove on one side thereof, said groove having a fine cross section and a predetermined length, said groove having a region which is to be irradiated with light; and  
a second member fixed to said one side of said first member,  
wherein said first member has a recessed portion on the other side thereof, which is opposite to said one side, in at least said region, said groove having a bottom portion having such a thickness that light easily pass through the bottom portion.
2. A resin chip as set forth in claim 1, wherein said recessed portion has a side wall serving as a condensing wall for reflecting irradiating light toward a bottom face of said recessed portion.
3. A resin chip as set forth in claim 1, wherein said first member is formed of the same resin material as that of said second member.
4. A resin chip as set forth in claim 1, wherein said first member is formed by injection molding.
5. A resin chip comprising:  
a first resin member having an elongated groove on one side thereof, said groove having a fine cross section, at least a part of said groove being arranged in a light irradiation region which is to be irradiated with light; and  
a second resin member, fixed to said one side of said first resin member, for covering said groove,  
wherein said first resin member has a recessed portion on the other side thereof, said recessed portion being associated with said groove for allowing light to

easily pass through said first and second resin members in said light radiation region.

6. A resin chip as set forth in claim 5, wherein said recessed portion is arranged in said light irradiation region.

7. A resin chip as set forth in claim 5, wherein said groove has a groove width of about ten to two hundreds micrometers, and a groove depth of about ten to two hundreds micrometers.

8. A resin chip as set forth in claim 5, wherein said first resin member has a sample receiving hole which communicates with said groove.

9. A resin chip as set forth in claim 5, wherein said recessed portion has a side wall serving as a condensing wall for reflecting light toward said groove in said light irradiation region.

10. A resin chip as set forth in claim 5, wherein said first resin member is formed of the same resin material as that of said second member.

11. A resin chip as set forth in claim 5, wherein said first resin member is formed by injection molding.